

Converting Colors

XYZ(68.9697, 76.2608, 70.1174)

Have a look what the booklet for
XYZ(68.9697, 76.2608, 70.1174)
contains.

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Color

**XYZ(69.0745, 76.3143,
70.1210)**

Conversions

Conversions Part 1

Format	Color
Hex	DCE6CF
RGB	220, 230, 207
RGB Percent	86%, 90%, 81%
CMY	0.1373, 0.0980, 0.1882
CMYK	0.04, 0.00, 0.10, 0.10
HSL	86°, 32%, 86%
HSV	86°, 10%, 90%
XYZ	69.0745, 76.3143, 70.1210
YIQ	224.3880, 1.4230, -9.2730

Conversions

Conversions Part 2

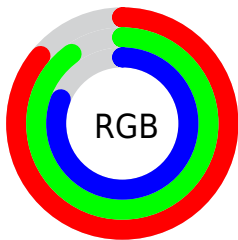
Format	Color
RYB	207, 230, 217
Decimal	14477007
CIELab	90.01, -7.38, 10.05
CIELCh	90, 12.474, 126.294
Yxy	76.3143, 0.3205, 0.3541
Android (android.graphics.Color)	4292667087 (0xFFDCE6CF)
YUV	224.3880, -8.5723, -3.8483
Hunter-Lab	87.3581, -11.7357, 13.5594

Details

The XYZ color **69.0745, 76.3143, 70.1210** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.2141, 65.0926, 83.9940**, and the grayscale version is **71.1896, 74.8970, 81.5628**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.5968, 40.9592, 36.1140** is the 20% darker color. If you saturate the color by 10%, you get **63.5280, 73.7588, 56.2367**, and if you desaturate by 10%, it is **75.2161, 79.1337, 86.1746**.

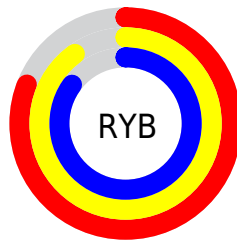
Distribution



Red (86%)

Green (90%)

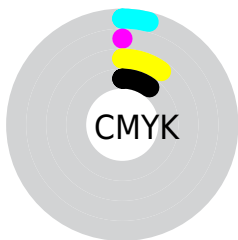
Blue (81%)



Red (81%)

Yellow (90%)

Blue (85%)

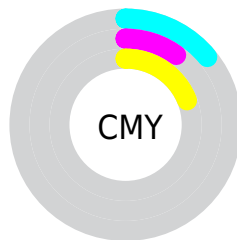


Cyan (4%)

Magenta (0%)

Yellow (10%)

Black (10%)



Cyan (14%)

Magenta (10%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.0745, 76.3143, 70.1210 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 69.0745, 76.3143, 70.1210 by changing the saturation by 10% instead.

69.0745, 76.3143,
70.1210

69.0745, 76.3143,
70.1210

446.6110,
482.4229, 479.7753

51.0492, 56.6903,
51.1478

116.9215,
128.1711, 121.0640

36.4690, 40.7566,
35.9487

147.4739,
161.1726, 153.8709

24.9684, 28.1290,
24.1052

182.9327,
199.4021, 192.1261

16.1821, 18.4229,
15.1987

223.6634,
243.2440, 236.2481

9.7448, 11.2540,
8.8108

270.0312,
293.0826, 286.6555

5.2910, 6.2380,
4.5229

322.4015,

2.4555, 2.9903,

349.3024, 343.7668

1.9163

381.1396,
412.2877, 408.0006

■ 0.8729, 1.1267,
0.5031

■ 0.0000, 0.0006,
0.0000

■ 69.0745, 76.3143,
70.1210

■ 69.0745, 76.3143,
70.1210

■ 63.5280, 73.7588,
56.2367

■ 75.2161, 79.1337,
86.1746

■ 58.5495, 71.4486,
44.4236

■ 81.9660, 82.2153,
104.4800

■ 54.1190, 69.3778,
34.5837

■ 85.7764, 84.1426,
106.3280

■ 50.2127, 67.5365,
26.6089

■ 87.5884, 85.0767,
106.4128

■ 46.8046, 65.9139,
20.3808

■ 43.8663, 64.4982,
15.7674

■ 41.3654, 63.2761,
12.6179

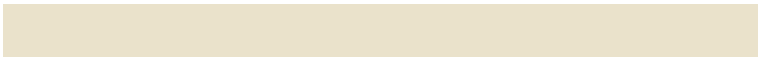
■ 39.2643, 62.2320,
10.7530

■ 37.5005, 61.3406,
9.8634

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.8851, 76.3143, 67.3035



69.0745, 76.3143, 70.1210



67.2299, 76.3143, 76.4391

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.0745, 76.3143, 70.1210



70.1722, 76.3143, 99.6652



78.6010, 76.3143, 81.2420

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



69.0745, 76.3143, 70.1210



65.2141, 65.0926, 83.9940

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.1110, 76.3143, 90.1229



69.0745, 76.3143, 70.1210



73.1877, 76.3143, 101.1776

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.0745, 76.3143, 70.1210



67.8509, 76.3143, 93.5766



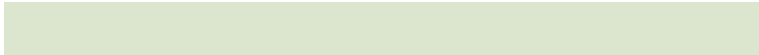
76.1081, 76.3143, 97.5743



77.4287, 76.3143, 73.4238

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.0745, 76.3143, 70.1210



66.7662, 76.3143, 81.9985



76.1081, 76.3143, 97.5743



78.6257, 76.3143, 84.1978

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



69.0766, 76.3176, 70.1227



92.6291, 98.8915, 102.4850



68.7027, 70.9393, 69.1042



19.6905, 21.1045, 21.5783



0.0000, 0.0000, 0.0000



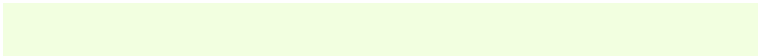
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.0766, 76.3176, 70.1227



85.7812, 95.7463, 84.7655



65.7243, 74.5894, 69.9658



14.9648, 16.4889, 15.2984



21.3723, 34.7993, 5.5905



1.6854, 2.6262, 0.4181

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



65.2141, 65.0926, 83.9940



79.9752, 78.8732, 105.6166



68.7418, 66.9113, 84.1591



14.1745, 14.1922, 18.1366



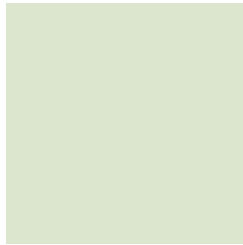
11.1979, 4.8386, 42.7269



0.9324, 0.4116, 3.1623

Previews

White Background



This preview shows how the XYZ color 69.0745, 76.3143, 70.1210 looks on a white background.

Color Contrast Check

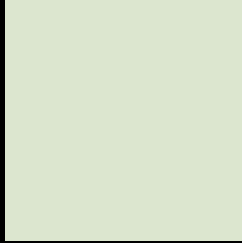
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 69.0745, 76.3143, 70.1210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

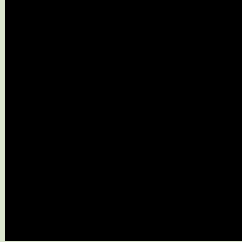
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

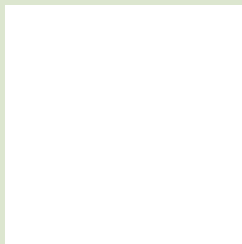
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.0745, 76.3143, 70.1210

Background



This preview shows how black text looks on a background with the XYZ color 69.0745, 76.3143, 70.1210.

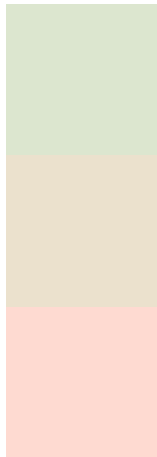


This preview shows how white text looks on a background with the XYZ color 69.0745, 76.3143,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

69.0745, 76.3143, 70.1210

Protanopia

72.2056, 75.9204, 68.6061

Deuteranopia

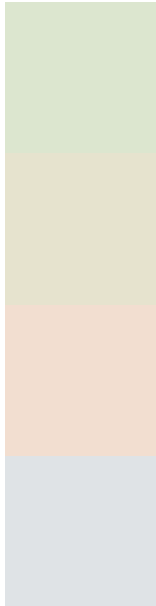
77.4531, 75.8171, 70.8735



Tritanopia

74.1542, 76.3290, 95.6187

Trichromacy



Original Color

69.0745, 76.3143, 70.1210

Protanomaly

71.2428, 76.2174, 69.3491

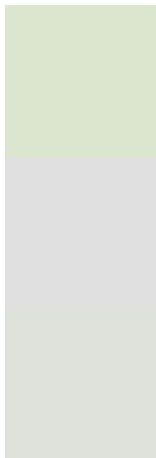
Deuteranomaly

74.1244, 75.6739, 70.3742

Tritanomaly

72.1834, 76.3393, 85.7934

Monochromacy



Original Color

69.0745, 76.3143, 70.1210

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.2827, 75.1426, 77.1294

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.0745, 76.3143, 70.1210 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(220, 230, 207) looks like.

```
.text, #text, p{  
    color:rgb(220, 230, 207)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(220, 230, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 230, 207) }
```

Border

The CSS property to change the border of an element to XYZ 69.0745, 76.3143, 70.1210 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(220, 230, 207) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(220, 230, 207) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(220, 230, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 230, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 230, 207); box-shadow:4px 4px 4px 4px rgb(220, 230, 207) }
```

Background

The CSS property to change the background color of an element to XYZ 69.0745, 76.3143, 70.1210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 230, 207) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(220,  
230, 207) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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